# NEW MEXICO AGRICULTURAL STATISTICS SERVICE

# SPECIAL SURVEY RESULTS ACREAGE AND PRODUCTION REVIEW

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# FEBRUARY 2004 EXCLUSIVELY FOR SURVEY RESPONDENTS

This issue of the **NEW MEXICO AGRICULTURAL STATISTICS SERVICE** <u>SPECIAL SURVEY RESULTS</u> contains the Acreage and Production Review results. This is being sent exclusively to those of you who responded to our request for data. Thank you for your cooperation and the time spent completing the survey and making these published estimates possible.

## **NEW MEXICO ANNUAL CROP PRODUCTION**

**NEW MEXICO:** Corn for Grain production is estimated at 8.64 million bushels, down 2 percent from the 8.82 million bushels produced in 2002. Harvested acreage was 48,000 acres while yields remained steady at 180 bushels per acre compared to a record national yield of 138.6 bushels per acre. Corn for Silage harvested acreage was also lower at 80,000 acres, with an average yield of 23 tons to the acre. Production dropped to 1.84 million tons. Sorghum for Grain production dropped significantly to 1.7 million bushels, 40 percent below the previous year. Harvested acreage at 62,000 acres was affected by the drought as was yield at 27 bushels per acre. Winter Wheat production is estimated at 4.20 million bushels, 12 percent above 2002. Planted acreage decreased over last year as drought conditions lowered the harvested acreage to 140,000 acres and the state average yield was 30 bushels per acre. Alfalfa hay production totaled 1,127,000 tons, down 23 percent from last year as many growers did not harvest due to the lack of water. During the year there were 30,000 fewer harvested acres than a year earlier. Other hay harvested acreage, at 70,000 acres, was 42 percent below last year. Upland Cotton harvested acreage dropped to 42,000 acres with an average yield of 857 lbs per acre. American-Pima Cotton acreage also decreased for the third year in a row to 6,000 acres harvested in 2003, and production was estimated at 11,000 bales. Peanut acreage held steady with 18,000 planted and 17,000 acres harvested. Production dropped to 45.9 million pounds, 15 percent below 2002. Potato production was smaller in 2003 at 2.13 million cwt, 8.7 percent below 2002.

Acreage, Yield and Production, Major Crops, New Mexico 2002-2003

		Area Planted 1/		Area Harvested		Yield Per Acre		Production	
Crop	Unit	2002	2003	2002	2003	2002	2003	2002	2003
		1,000 Acres			Units		1,000 Units		
Corn for Grain	Bu.	135	130	49	48	180.0	180.0	8,820	8,640
Corn for Silage	Ton			82	80	25.0	23.0	2,050	1,840
Sorghum for Grain	Bu.	170	140	80	62	35.0	27.0	2,800	1,674
Sorghum for Silage	Ton			7	10	22.0	15.0	154	150
Winter Wheat	Bu.	520	500	170	140	22.0	30.0	3,740	4,200
Alfalfa Hay	Ton			260	230	5.60	4.90	1,456	1,127
Other Hay	Ton			120	70	1.90	2.20	228	154
Upland Cotton 2/	Bal.	54.0	56.0	50.0	42.0	816	857	85.0	75.0
A-P Cotton 2/	Bal.	7.1	6.1	7.1	6.0	1,041	880	15.4	11.0
Peanuts	Lb.	18.0	18.0	18.0	17.0	3,000	2,700	54,000	45,900
Potatoes	Cwt.	6.5	5.9	6.3	5.9	371	361	2,336	2,132
Total Above Crops 3/		1,190.6	1,156.0	849.4	710.9				

<sup>&</sup>lt;sup>1/</sup> Area planted for all purposes. <sup>2/</sup> Production in bales (480 lb net wt). Yield in pounds. <sup>3/</sup> Planted total includes harvested acreage for hay crops.

### UNITED STATES ACREAGE AND YIELD REVIEW

**Corn for grain** production is estimated at 10.1 billion bushels, down 2 percent from the November forecast but up 12 percent from the 9.01 billion bushels produced in 2002. The average U.S. grain yield is estimated at 142.2 bushels per acre, 1.0 bushel below the November forecast but up 12.2 bushels from 2002.

**Sorghum for grain** production in 2003 is estimated at 411 million bushels, up 3 percent from the November forecast and 11 percent from 2002. Area harvested for grain is estimated at 7.80 million acres, up 7 percent from 2002. Average grain yield, at 52.7 bushels per acre, is 2.0 bushels above the 2002 average yield.

**All cotton** production is estimated at 18.2 million bales, up fractionally from last month and 6 percent more than last year's production. Yield is expected to average a record high 725 pounds per acre, up 60 pounds per acre from a year ago. Harvested area, at 12.1 million acres, is down slightly from December and 3 percent below 2002.

All hay production for 2003 is estimated at 157 million tons, down 2 percent from the October 1 forecast but up 4 percent from the 2002 total. Acreage harvested, at 63.3 million acres, is down less than 2 percent from the October forecast and 2002. The average yield, at 2.48 tons per acre, is down 0.02 ton from the October forecast but up 0.14 ton from the previous year.

Harvested Acreage, Yield and Production, Selected Crops, United States 2002-2003

		Area Harvested		Yield Per Acre		Production	
Crop	Unit	2002	2003	2002	2003	2002	2003
		1,000 Acres		Units		1,000 Units	
Corn for Grain	Bu.	69,313	71,139	130.0	142.2	9,007,659	10,113,887
Corn for Silage	Ton	7,490	6,528	14.0	16.2	104,979	105,864
Sorghum for Grain	Bu.	7,299	7,798	50.7	52.7	369,758	411,237
Sorghum for Silage	Ton	352	343	9.5	10.4	3,360	3,552
Oats	Bu.	2,093	2,224	56.7	65.0	118,628	144,649
Barley	Bu.	4,129	4,688	54.9	58.9	226,573	276,087
Wheat, all	Bu.	45,917	52,839	35.3	44.2	1,619,001	2,336,526
Winter	Bu.	29,751	36,541	38.5	46.7	1,145,602	1,707,069
Durum	Bu.	2,703	2,869	29.4	33.7	79,450	96,637
Other Spring	Bu.	13,463	13,429	29.3	39.7	393,949	532,820
Soybeans for beans	Bu.	72,437	72,321	38.0	33.4	2,749,340	2,417,565
Peanuts for nuts	Lb.	1,296.7	1,312.0	2,561	3,159	3,320,490	4,144,150
All Cotton <sup>1/</sup>	Bale	12,426.6	12,058.0	665	725	17,208.6	18,224.0
Upland	Bale	12,184.0	11,880.0	651	719	16,530.3	17,795.0
A-P	Bale	242.6	178.0	1,342	1,157	678.3	429.0
Sunflower	Lb.	2,180	2,197	1,142	1,213	2,489,606	2,665,226
Hay, all	Ton	64,497	63,342	2.34	2.48	150,962	157,123
Alfalfa	Ton	23,135	23,578	3.19	3.24	73,824	76,307
Potatoes, all	Cwt.	1,270.3	1,250.3	362	367	459,802	459,045

<sup>&</sup>lt;sup>1/</sup> Production in 480-lb net weight bales. Yield in pounds.

#### **CATTLE INVENTORY**

**NEW MEXICO:** Inventory of all **cattle and calves** in New Mexico on January 1, 2004 totaled 1.51 million head compared to 1.55 million head on January 1, 2003. **Beef cow** inventory declined by 11,000 head to 455,000 with New Mexico ranchers maintaining 85,000 heifers for **beef cow replacement** compared to 90,000 the previous year. **Milk cow** numbers continued their growth pattern with inventory on January 1, 2004 totaling 325,000 head, an increase of 3.5 percent from the previous year's inventory of 314,000 head. Dairy producers kept 75,000 head of **dairy heifers for milk cow replacement**, a 7 percent increase from the 70,000 head kept on January 1, 2003. **Steers** weighing 500 pounds or more totaled 190,000 compared to 210,000 one year ago. **Bulls** on hand remained at 45,000 head; while the calf crop declined in number by 10,000 head totaling 590,000 head on January 1, 2004. Total **cattle and calves on feed** for the slaughter market were 115,000, down from January 1, 2003 by 4,000 head.

**UNITED STATES:** All cattle and calves in the United States as of January 1, 2004, totaled 94.9 million head, 1 percent below the 96.1 million on January 1, 2003.

All cows and heifers that have calved, at 41.9 million, were down 1 percent from the 42.1 million on January 1, 2003.

Beef cows, at 32.86 million, were down slightly from January 1, 2003.

Milk cows, at 8.99 million, were down 2 percent from January 1, 2003.

Other class estimates on January 1, 2004 and the change from January 1, 2003, are as follows:

All heifers 500 pounds and over, 19.3 million, down 1 percent.

Beef replacement heifers, 5.52 million, down 2 percent.

Milk replacement heifers, 4.02 million, down 2 percent.

Other heifers, 9.80 million, down 1 percent.

Steers weighing 500 pounds and over, 16.3 million, down 2 percent.

Bulls weighing 500 pounds and over, 2.21 million, down 2 percent.

Calves under 500 pounds, 15.2 million, down 2 percent.

Cattle and calves on feed for slaughter in all feedlots, 13.8 million, up 4 percent.

The combined total of calves under 500 pounds, and other heifers and steers over 500 pounds outside of feedlots, 27.5 million, down 4 percent.

The 2003 calf crop was estimated at 37.9 million head, down 1 percent from 2002. Calves born during the first half of the year are estimated at 27.7 million, down 1 percent from 2002.

Cattle and Calves: Number by Class and Calf Crop January 1, 2003-2004, New Mexico and U.S.

	New Mexico		United	States	
	2003	2004	2003	2004	
	1,000 Head				
Cattle and calves	1,550	1,510	96,100.0	94,882.0	
Cows and Heifers that have calved	780	780	42,125.0	41,850.8	
Beef Cows	466	455	32,983.3	32,860.3	
Milk Cows	314	325	9,141.7	8,990.5	
Heifers 500 lbs. And over					
For beef cow replacement	90	85	5,623.5	5,517.2	
For milk cow replacement	70	75	4,113.9	4,020.0	
Other	110	105	9,890.5	9,804.1	
Steers 500 lbs. and over	210	190	16,554.1	16,280.1	
Bulls 500 lbs. and over	45	45	2,247.9	2,205.6	
Calves under 500 lbs.	245	230	15,545.1	15,204.2	
Cattle and calves on feed for slaughter	119	115	13,219.8	13,810.9	
Calf crop (previous year)	600	590	38,223.7	37,902.8	

UNITED STATES DEPARTMENT OF AGRICULTURE NEW MEXICO AGRICULTURAL STATISTICS PO BOX 1809 LAS CRUCES, NM 88004-1809

#### SHEEP INVENTORY

**NEW MEXICO:** Sheep and lamb inventory for the state on January 1, 2004 was 160,000 head, down 15,000 head from the January 1, 2003 inventory continuing the downward trend. **Breeding sheep and lambs** were down by 7,000 head from the previous year totaling 133,000 head on January 1, 2004. Total **market sheep and lambs** declined to 27,000 head from the previous year's total of 35,000 head. The 2004 lamb crop totaled 99,000.

**UNITED STATES:** All sheep and lamb inventory in the United States on January 1, 2004, totaled 6.09 million head, down 3 percent from 2003 and 9 percent below two years ago. The inventory has trended downward since peaking at 56.2 million head in 1942.

Breeding sheep inventory declined to 4.48 million head on January 1, 2004, down 4 percent from 4.66 million head on January 1, 2003. Ewes one year old and older, at 3.60 million head, were 4 percent below last year.

Market sheep and lambs on January 1, 2004, totaled 1.61 million head, down 2 percent from January 1, 2003. Market lambs comprised 96 percent of the total. Twenty-seven percent were lambs under 65 pounds, 16 percent were 65 - 84 pounds, 23 percent 85 - 105 pounds, 30 percent were over 105 pounds, and 4 percent were market sheep.

The 2003 lamb crop of 4.12 million head was down 5 percent from 2002 and established a new record low. The 2003 lambing rate was 109 lambs per 100 ewes one year old and older on January 1, 2003, unchanged from 2002.

Sheep and Lambs: Number by Class and Lamb Crop January 1, 2003-2004, New Mexico and U.S.

	New I	Mexico	United	States			
	2003	2004	2003	2004			
		1,000 Head					
All Sheep and Lambs	175.0	160.0	6,300.0	6,090.0			
Breeding Sheep and Lambs	140.0	133.0	4,658.0	4,480.0			
Market Sheep and Lambs	35.0	27.0	1,642.0	1,610.0			
Market Lambs under 65 lbs.	9.0	6.0	441.0	433.0			
65-84 lbs.	11.0	8.0	266.3	255.5			
85-105 lbs.	11.0	8.0	393.0	367.4			
Over 105 lbs.	2.0	3.0	474.9	486.8			
Market Sheep	2.0	2.0	66.8	67.3			
Lamb crop Jan. 1 previous year 1/	100.0	99.0	4,357.0	4,120.0			

<sup>1/</sup> Lamb crop is defined as lambs born in the Eastern States and lambs docked or branded in the Western States